

REPORTING PERIOD: 8/2/17 to 8/1/18

Primary Compliance Method (select from list): Longitude: Affected Facility: Well Category (select from list): Latitude: API Well Number: Well Identification A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well. Hemlock Valley (05-265) 4H Production -76.190445 41.832512 37-015-23355-00-00 Well Completions

Reduced emissions completion

| Date | Duration of flowback (hours) | Duration of recovery to the flow line (hours) | Duration of combustion (hours) | Duration of venting (hours)* | Comments |
|-----------|------------------------------|--|--------------------------------|------------------------------|--|
| 4/6/2018 | 15.0 | 15.0 | 0.0 | 0.0 | Separation Flowback Period begins: 9:01 AM |
| 4/7/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/8/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/9/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/10/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/11/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/12/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/13/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/14/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/15/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/16/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/17/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/18/2018 | 12.5 | 12.5 | 0.0 | 0.0 | Well Shut-in: 7:31 AM Separation Flowback Period begins: 12:01 PM Well Shut-in: 2:01 PM Separation Flowback Period begins: 6:01 PM Well Shut-in: 6:05 PM Separation Flowback Period: 9:01 PM |
| 4/19/2018 | 17.8 | 17.8 | 0.0 | 0.0 | Well Shut-in: 11:01 AM Separation Flowback Period begins: 2:01 PM Well Shut-in: 5:31 PM Separation Flowback Period: 8:46 PM |
| 4/20/2018 | 9.0 | 9.0 | 0.0 | 0.0 | Well Shut-in, turned over to production: 9:01 AM |



REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility: A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well. Well Completions

Well Identification Hemlock Valley (05-265) 5H

37-015-23356-00-00

Latitude: 41.832638

Longitude: -76.190233

API Well Number:

Reduced emissions completion

Production

Primary Compliance Method (select from list):

Well Category (select from list):

| 9.0 9.0 0.0 0.0 24.0 24.0 0.0 0.0 | ## A / 23 / 2018 ## A / 24 / 2018 ## A / 25 / 2018 ## A / 26 / 2018 ## A / 27 / 2018 ## A / 28 / 2018 ## A / 29 / 2018 ## A / 29 / 2018 ## A / 30 / 2018 ## A / | Duration of flowback (hours) 9,0 24,0 24,0 24,0 24,0 24,0 24,0 24,0 24 | Duration of recovery to the flow line (hours) 9.0 24.0 | Duration of combustion (hours) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | Duration of venting (hours)* 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 | Comments Separation Flowback Period begins: 3:01 PM |
|---|--|---|--|---|---|--|
| | 4/25/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 | 4/26/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 | 4/27/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 4/28/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 29/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 30/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | /1/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | /2/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | /3/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | /4/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | /5/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | /6/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 5/7/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 5/8/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 5/9/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 5/10/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 5/11/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 5/12/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 24.0 24.0 0.0 | 5/13/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 | 5/14/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 <td>15/2018</td> <td>24.0</td> <td>24.0</td> <td>0.0</td> <td>0.0</td> <td></td> | 15/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 <td>16/2018</td> <td>24.0</td> <td>24.0</td> <td>0.0</td> <td>0.0</td> <td></td> | 16/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 <td>5/17/2018</td> <td>24.0</td> <td>24.0</td> <td>0.0</td> <td>0.0</td> <td></td> | 5/17/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 24.0 24.0 0.0 24.0 0.0 0.0 <td>2/18/2018</td> <td>9.0</td> <td>9.0</td> <td>0.0</td> <td>0.0</td> <td>Well Shut-in, turned over to production: 9:01 AM</td> | 2/18/2018 | 9.0 | 9.0 | 0.0 | 0.0 | Well Shut-in, turned over to production: 9:01 AM |



REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility: A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well. Well Completions

 Well Identification
 Hemlock Valley (05-265) 6H

 API Well Number:
 37-015-23357-00-00

 Latitude:
 41.832467

Primary Compliance Method (select from list):

Well Category (select from list):

Production

-76.190486

Reduced emissions completion

Longitude:



| Date | Duration of flowback (hours) | Duration of recovery to the flow line (hours) | Duration of combustion (hours) | Duration of venting (hours)* | Comments |
|-----------|------------------------------------|---|--------------------------------|------------------------------------|--|
| 4/9/2018 | 12.0 | 12.0 | 0.0 | 0.0 | Separation Flowback Period begins: 12:01 PM |
| 4/10/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/11/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/12/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/13/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/14/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/15/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/16/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/17/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/18/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/19/2018 | 17.0 | 17.0 | 0.0 | 0.0 | Well Shut-in, 11:01 AM Separation Flowback Period begins: 6:01 PM |
| 4/20/2018 | 9.0 | 9.0 | 0.0 | 0.0 | Well Shut-in, turned over to production: 9:01 AM |



Affected Facility:

Well Completions

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

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A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification Hemlock Valley (05-265) 7H

Latitude: 41.832592 37-015-23358-00-00

API Well Number:

Well Category (select from list): Longitude: -76.190272

Primary Compliance Method (select from list): Production Reduced emissions completion

| 5/23/2018 8.0 8.0 | 5/22/2018 24.0 24.0 | 5/21/2018 24.0 24.0 | 5/20/2018 24.0 24.0 | 5/19/2018 24.0 24.0 | 5/18/2018 24.0 24.0 | 5/17/2018 24.0 24.0 | 5/16/2018 24.0 24.0 | 5/15/2018 24.0 24.0 | 5/14/2018 24.0 24.0 | 5/13/2018 24.0 24.0 | 5/12/2018 24.0 24.0 | 5/11/2018 24.0 24.0 | 5/10/2018 24.0 24.0 | 5/9/2018 24.0 24.0 | 5/8/2018 24.0 24.0 | 5/7/2018 24.0 24.0 | 5/6/2018 24.0 24.0 | 5/5/2018 24.0 24.0 | 5/4/2018 24.0 24.0 | 5/3/2018 24.0 24.0 | 5/2/2018 24.0 24.0 | 5/1/2018 24.0 24.0 | 4/30/2018 24.0 24.0 | 4/29/2018 24.0 24.0 | 4/28/2018 14.0 11.0 | 4/27/2018 0.0 0.0 | 4/26/2018 0.0 0.0 | 4/25/2018 0.0 0.0 | Date Chowrs (hours) Duration of recovery to the (hours) Chowns (1) |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|--|-------------------|-------------------|-------------------|--|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Duration of Dura combustion ver (hours) (ho |
| 0.0 Well Shut-in, turned over to produciton: 8:01 AM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 Initial Flowback Period Begins: 10:01 AM Separation Flowback Period Begins: 1:01 PM | 0.0 | 0.0 | 0.0 | Duration of Comments (hours)* |



REPORTING PERIOD: 8/2/17 to 8/1/18

Primary Compliance Method (select from list): Well Category (select from list): Latitude: Affected Facility: Longitude: API Well Number: Well Identification A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well. Hemlock Valley (05-265) 8H Well Completions Reduced emissions completion Production -76.190391 41.832453 37-015-23359-00-00



| Well Shut-in, turned over to production: 12:31 PM | 0.0 | 0.0 | 12.5 | 12.5 | 4/18/2018 |
|--|------------------------------|--------------------------------|--|------------------------------------|-----------|
| Well Shut-in: 7:31 AM Separation Flowback period begins: 12:01 PM | 0.0 | 0.0 | 19.5 | 19.5 | 4/17/2018 |
| Well Shut-in: 12:01 PM Separation Flowback period begins: 8:01 PM | 0.0 | 0.0 | 16.0 | 16.0 | 4/16/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/15/2018 |
| | 0.0 | 0.0 | .24.0 | 24.0 | 4/14/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/13/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/12/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/11/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/10/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/9/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/8/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/7/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/6/2018 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 4/5/2018 |
| Separation Flowback Period begins: 12:01 PM | 0.0 | 0.0 | 12.0 | 12.0 | 4/4/2018 |
| Comments | Duration of venting (hours)* | Duration of combustion (hours) | Duration of recovery to the flow line (hours) | Duration of flowback (hours) | Date |



REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility: A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well. Well Completions

Well Identification Hemlock Valley (05-265) 9H

Longitude: Well Category (select from list): Latitude: API Well Number: 41.832547 -76.190311 37-015-23360-00-00

Production

Reduced emissions completion

Primary Compliance Method (select from list):

| Date | Duration of flowback (hours) | Duration of recovery to the flow line (hours) | Duration of combustion (hours) | Duration of venting (hours)* | Comments |
|-----------|------------------------------|--|--------------------------------|------------------------------|--|
| 4/20/2018 | 13.0 | 0.0 | 0.0 | 13.0 | Initial Flowback Period 11:01 AM |
| 4/21/2018 | 24.0 | 1.5 | 0.0 | 22.5 | Separation Flowback Period begins: 10:31 PM |
| 4/22/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/23/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/24/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/25/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/26/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/27/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/28/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/29/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/30/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/1/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/2/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/3/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/4/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/5/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/6/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/7/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/8/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/9/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/10/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/11/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/12/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/13/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/14/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/15/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 5/16/2018 | 15.0 | 15.0 | 0.0 | 0.0 | Well Shut-in, turned over to production: 9:01 AM |



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT REPORTING PERIOD: 8/2/17 to 8/1/18

| Well Category (select from list): Production | Longitude: -76.190351 | Latitude: 41.832500 | API Well Number: 37-015-23361-00-00 | Well Identification Hemlock Valley (05-265) 10H | Affected Facility: Well Completions A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility is a single natural gas well. |
|--|-----------------------|---------------------|-------------------------------------|---|--|
| | | | | | ng occurring at a gas well affected !II. |

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|-----------|------------------------------------|--|--------------------------------|--|---|
| Date | Duration of flowback (hours) | Duration of recovery to the flow line (hours) | Duration of combustion (hours) | Duration of Duration of combustion venting (hours) | Comments |
| 3/29/2018 | 9.0 | 9.0 | 0.0 | 0.0 | Separation Flowback Period begins: 3:00 PM |
| 3/30/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 3/31/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/1/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/2/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/3/2018 | 24.0 | 24.0 | 0.0 | 0.0 | Well Shut-in: 10:01 AM Separation Flowback Period begins: 10:05 AM |
| 4/4/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/5/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/6/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/7/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 4/8/2018 | 24.0 | 24.0 | 0.0 | 0.0 | |
| | 140 | 140 | 0.0 | 0.0 | Well Shut-in, turned over to production: 10:01 AM |



REPORTING PERIOD: 8/2/17 to 8/1/18

Primary Compliance Method (select from list): Latitude: Affected Facility: Well Category (select from list): API Well Number: Well Identification Longitude: A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well. Reduced emissions completion Production 41.639812 DCNR 594 (02-205) 2H Well Completions -77.113253 37-117-21824-00-01

| Date | Duration of flowback (hours) | Duration of recovery to the flow line (hours) | Duration of combustion (hours) | Duration of venting (hours)* | Comments |
|------------|------------------------------------|--|--------------------------------|------------------------------------|---|
| 10/23/2017 | 2.0 | 0.0 | 0.0 | 2.0 | Initial Flowback Period begins: 10:00 PM |
| 10/24/2017 | 24.0 | 11.0 | 0.0 | 13.0 | Separation Flowback Period begins: 1:00 PM |
| 10/25/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 10/26/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 10/27/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 10/28/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 10/29/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 10/30/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 10/31/2017 | 21.5 | 21.5 | 0.0 | 0.0 | Well Shut-in: 10:31 AM Separation Flowback Period begins: 1:01 PM |
| 11/1/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/2/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/3/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/4/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/5/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/6/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/7/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/8/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/9/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/10/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/11/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/12/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/13/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/14/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/15/2017 | 24.0 | 24.0 | 0.0 | 0.0 | |
| 11/16/2017 | 18.0 | 18.0 | 0.0 | 0.0 | Well Shut-in: 8:01 AM Separation Flowback Period begins: 12:01 PM Well Shut-in: 6:31 PM Separation Flowback Period begins: 8:31 PM |
| 11/17/2017 | 15.3 | 15.3 | 0.0 | 0.0 | Well Shut-in: 8:01 AM Separation Flowback Period begins: 4:45 PM |
| 11/18/2017 | 11.0 | 11.0 | 0.0 | 0.0 | Well Shut-in: 11:01 AM |
| 11/19/2017 | 8.0 | 8.0 | 0.0 | 0.0 | Separation Flowback Period begins: 4:.01 PM |

| Well Shut-in, turned over to production: 9:01 AM | 0.0 | 0.0 | 9.0 | 9.0 | 11/24/2017 |
|---|-----|-----|------|------|------------|
| | 0.0 | 0.0 | 24.0 | 24.0 | 11/23/2017 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 11/22/2017 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 11/21/2017 |
| Well Shut-in: 2:01 PM Separation Flowback Period begins: 4:01 PM | 0.0 | 0.0 | 22.0 | 22.0 | 11/20/2017 |



REPORTING PERIOD: 8/2/17 to 8/1/18

Latitude: Affected Facility: API Well Number: Well Identification Longitude: A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well. DCNR 594 (02-205) 4H Well Completions -77.113225 41.639892 37-117-21825-00-01

Primary Compliance Method (select from list):

Reduced emissions completion

Well Category (select from list):

Production



| 11/19/2017 | 11/18/2017 | 11/17/2017 | 11/16/2017 | 11/15/2017 | 11/14/2017 | 11/13/2017 | 11/12/2017 | 11/11/2017 | 11/10/2017 | 11/9/2017 | 11/8/2017 | 11/7/2017 | 11/6/2017 | 11/5/2017 | 11/4/2017 | 11/3/2017 | 11/2/2017 | 11/1/2017 | 10/31/2017 | 10/30/2017 | 10/29/2017 | 10/28/2017 | 10/27/2017 | 10/26/2017 | 10/25/2017 | 10/24/2017 | Date |
|---|---|-----------------------|--|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|------------|------------|------------|------------|------------|------------|--|--|
| 23.0 | 13.0 | 7.0 | 16.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 21.5 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 10.0 | Duration of flowback (hours) |
| 23.0 | 13.0 | 7.0 | 16.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 21.5 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 2.0 | Duration of recovery to the flow line (hours) |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Duration of combustion (hours) |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.0 | Duration of venting (hours)* |
| Well Shut-in: 6:01 AM Separation Flowback Period begins: 7:01 AM | Separation Flowback Period begins: 11:01 AM | Well Shut-in: 7:01 AM | Well Shut-in: 9:01 AM Separation Flowback Period begins: 3:01 PM Well Shut-in: 6:31 PM Separation Flowback Period begins: 8:31 PM | | | | | | | | | | | | | | | | Well Shut-in: 10:31 AM Separation Flowback Period begins: 1:01 PM | | | | | | | Initial Flowback Period begins: 2:01 PM Separation Flowback Period begins: 10:01 PM | Comments |

| Well Shut-in, turned over to production: 9:01 AN | 0.0 | 00 | 00 | 00 | 71/01/0017 |
|--|-----|-----|------|------|------------|
| | 0.0 | 0.0 | 24.0 | 24.0 | 11/23/2017 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 11/22/2017 |
| | 0.0 | 0.0 | 24.0 | 24.0 | 11/21/2017 |
| Well Shut-in: 12:31 PM Separation Flowback Period begins: 2:01 PM | 0.0 | 0.0 | 22.5 | 22.5 | 11/20/2017 |